

Converting Colors

CIELCh(56, 87.632, 345.546)

Have a look what the booklet for
CIELCh(56, 87.632, 345.546)
contains.

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Color

CIELCh(56, 87.444, 345.577)

Conversions

Conversions Part 1

Format	Color
Hex	F81CAE
RGB	248, 28, 174
RGB Percent	97%, 11%, 68%
CMY	0.0266, 0.8883, 0.3169
CMYK	0.00, 0.89, 0.30, 0.03
HSL	320°, 94%, 54%
HSV	320°, 89%, 97%
XYZ	46.8736, 23.9124, 42.2863
YIQ	110.4240, 84.2540, 92.0460

Conversions

Conversions Part 2

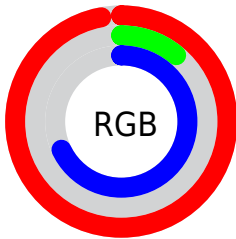
Format	Color
R_{YB}	248, 28, 174
Decimal	16260270
CIE _{Lab}	56.00, 84.69, -21.78
CIE _{LCh}	56, 87.444, 345.577
Yxy	23.9124, 0.4145, 0.2115
Android (android.graphics.Color)	4294450350 (0xFFFF81CAE)
YUV	110.4240, 31.3430, 120.6542
Hunter-Lab	48.9003, 85.5262, -17.0405

Details

The CIELCh color **56, 87.444, 345.577** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **86, 95.023, 144.274**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 78.672, 333.237**, and **41, 70.702, 348.705** is the 20% darker color. If you saturate the color by 10%, you get **55, 88.118, 347.830**, and if you desaturate by 10%, it is **58, 84.119, 343.738**.

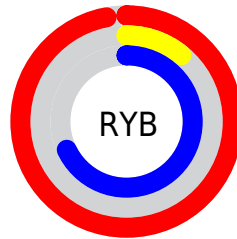
Distribution



Red (97%)

Green (11%)

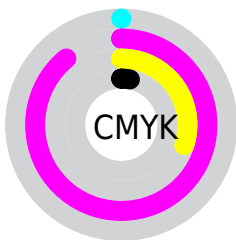
Blue (68%)



Red (97%)

Yellow (11%)

Blue (68%)

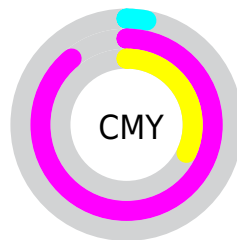


Cyan (0%)

Magenta (89%)

Yellow (30%)

Black (3%)



Cyan (3%)


Magenta (89%)


Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 87.444, 345.577 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 56, 87.444, 345.577 by changing the saturation by 10% instead.


 56, 87.444,
345.577


 56, 87.444,
345.577

 100, 87.444,
345.577


 46, 87.444,
345.577


 76, 87.444,
345.577

 36, 87.444,
345.577

 86, 87.444,
345.577

 26, 87.444,
345.577

 96, 87.444,
345.577

 16, 87.444,
345.577

 6, 87.444, 345.577

 0, 87.444, 345.577

■ 56, 87.444,
345.577

■ 56, 87.444,
345.577

■ 55, 88.118,
347.830

■ 58, 84.119,
343.738

■ 55, 88.127,
348.184

■ 61, 78.006,
342.228

■ 65, 69.481,
340.957

■ 69, 59.140,
339.856

■ 75, 47.603,
338.877

■ 80, 35.399,
337.987

■ 86, 22.931,
337.164

■ 92, 10.476,

336.385

■ 99, 1.787, 155.949

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56, 87.444, 345.577



86, 95.023, 144.274

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56, 87.444, 345.577



56, 87.444, 35.577



56, 87.444, 165.577



56, 87.444, 215.577

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56, 87.440, 345.578



83, 34.250, 337.861



39, 119.974, 308.922



42, 23.073, 338.153



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56, 87.440, 345.578



56, 89.921, 348.223



53, 86.352, 26.998



49, 7.032, 336.461



42, 71.958, 347.735



10, 33.413, 344.510

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56, 87.440, 345.578



56, 89.921, 348.223



88, 56.363, 175.943



49, 7.032, 336.461



42, 71.958, 347.735



10, 33.413, 344.510

Previews

White Background



This preview shows how the CIELCh color 56, 87.444, 345.577 looks on a white background.

Color Contrast Check

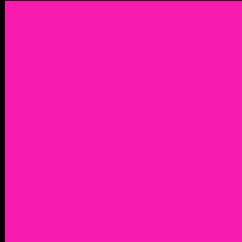
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 56, 87.444, 345.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 87.444, 345.577

Background



This preview shows how black text looks on a background with the CIELCh color 56, 87.444, 345.577.

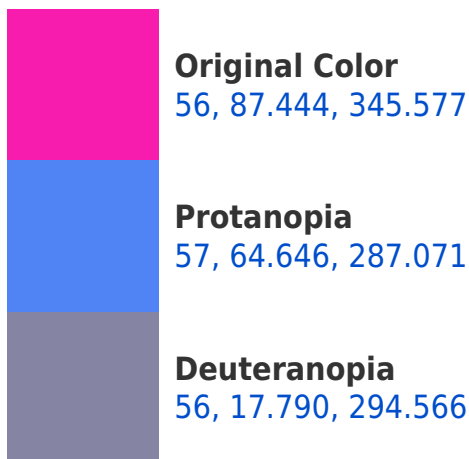


This preview shows how white text looks on a background with the CIELCh color 56, 87.444, 345.577.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
56, 73.585, 29.146

Trichromacy



Original Color
56, 87.444, 345.577



Protanomaly
50, 73.213, 308.372



Deuteranomaly
52, 50.234, 330.277



Tritanomaly
55, 73.733, 10.917

Monochromacy



Original Color
56, 87.444, 345.577



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 42.594, 339.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 87.444, 345.577 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(248, 28, 174)` looks like.

```
.text, #text, p{  
    color:rgb(248, 28, 174)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(248, 28, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 28, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 87.444, 345.577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 28, 174) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(248, 28, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(248, 28, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 28, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 28, 174);  
box-shadow:4px 4px 4px 4px rgb(248, 28,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 87.444, 345.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 28, 174) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(248, 28,  
174) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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